



SASIGD 2026

2026 International Conference on Sustainable AI for Social Impact and Global Development

August 13-14, 2026

Technically Co-Sponsored by IEEE SSIT, #68127

CALL FOR PAPERS – SPECIAL SESSION

AI, IoT and Emerging Smart Technologies for Sustainable Development

Session Code: **SS337**

Session Co-Chairs

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Session Description

The purpose of this special session will be to look at how AI and IoT technologies can be used to support the achievement of the Sustainable Development Goals. The main themes of the event will include: development of intelligent data-driven computational frameworks for urban infrastructure; ability to develop systems that model urban climate resilience; development of 'smart' healthcare systems; to apply predictive analytics (via AI); develop an integrated Edge/Cloud Based IoT architecture; to understand the role of Industry 4.0 automation in developing sustainable business practices and maximizing resource efficiency. A focus will also be placed on the necessity of implementing scalable, secure, and explainable intelligent systems that can sense, model, and make real-time decisions to enhance energy efficiency, environmental sustainability, and societal wellbeing. We hope this special session will stimulate interdisciplinary research that combines machine learning, intelligent sensing, and intelligent control techniques to produce technology solutions that are robust, sustainable, inclusive, and globally aligned.

- The topics of interest include, but are not limited to:
- AI and IoT Solutions for Achieving Sustainable Development
- Smart and Sustainable Cities using AI, IoT, and Data Analytics
- Green AI and Energy-Efficient Intelligent Systems for Sustainable Energy
- AI and IoT Applications in Environmental Monitoring and Climate Action
- Intelligent Healthcare Systems and AI-Enabled Remote Monitoring for Sustainable Wellbeing
- Sustainable Industrial Automation and Industry 4.0 using AI and IoT
- Data-Driven Smart Infrastructure and Resource Optimization using Emerging Technologies

IMPORTANT SUBMISSION DEADLINES

Call for Special Session proposals: **February 22, 2026**

Call for Regular Papers & Special Session Papers: **March 1, 2026**

Call for Student Posters: **March 8, 2026**

Notification of Acceptance: **April 10, 2026**



PAPER SUBMISSION

Scan the QR Code or Visit

<https://sasigd.org/special-sessions.php>



REVIEWERS REGISTRATION

Scan the QR Code or Visit

<https://forms.gle/oBdwKjC8g9s6PyaA>

Experts are invited to join as reviewers for SASIGD 2026.

All the accepted & presented papers will be submitted for possible inclusion in IEEE Xplore.

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Join us in shaping Responsible and Sustainable AI for Global Development!